

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------------|------------------|---------|------------------|
| L1 | 33 | (US-20020057806-\$ or US-20030007648-\$).did. or (US-4308428-\$ or US-5065432-\$ or US-5543579-\$ or US-6385320-\$ or US-5703312-\$ or US-5579396-\$ or US-5828763-\$ or US-5173944-\$ or US-5724429-\$ or US-5233661-\$ or US-4856064-\$ or US-6901148-\$ or US-6990382-\$ or US-6816833-\$ or US-5841993-\$ or US-6507657-\$ or US-6658117-\$ or US-6477255-\$ or US-4968154-\$ or US-5524053-\$ or US-5761315-\$ or US-4329544-\$ or US-5657391-\$ or US-6072879-\$ or US-6655212-\$ or US-4308424-\$).did. or (US-6127618-\$).did. or (JP-53090902-\$ or JP-55085190-\$ or JP-01168200-\$).did. or (EP-404117-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/30 10:05 |
| L2 | 18 | 1 and (reverberat\$4 or echo\$3) | US-PGPUB; USPAT | OR | ON | 2007/01/30 09:11 |
| L3 | 13 | 2 and (reverberat\$3 with (DSP or process\$3)) | US-PGPUB; USPAT | OR | ON | 2007/01/30 09:11 |
| L4 | 0 | 1 and (car\$1 and automobile\$1 and vehicle\$1) | US-PGPUB; USPAT | OR | ON | 2007/01/30 10:06 |
| L5 | 915 | ((381/63.ccls.) or (381/300.ccls.) or (381/111.ccls.) or (381/110.ccls.)) and (\$4speaker\$1) and @ad<"20021029" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/30 10:06 |
| L6 | 588 | L5 | US-PGPUB; USPAT | OR | ON | 2007/01/30 10:07 |
| L7 | 160 | L6 and (car\$1 or automobile\$1 or vehicle\$1) | US-PGPUB; USPAT | OR | ON | 2007/01/30 10:30 |
| L8 | 1 | "20040086132" | US-PGPUB; USPAT | OR | ON | 2007/01/30 10:31 |
| L9 | 1 | "20030021433" | US-PGPUB; USPAT | OR | ON | 2007/01/30 10:56 |
| S1 | 506 | (381/61.ccls.) | US-PGPUB; USPAT | OR | ON | 2007/01/24 11:49 |
| S2 | 374 | S1 and @ad<"20021029" | US-PGPUB; USPAT | OR | ON | 2007/01/24 09:27 |
| S3 | 33 | S2 and (equaliz\$3 and delay\$2 and attenuat\$3) | US-PGPUB; USPAT | OR | ON | 2007/01/24 09:16 |

EAST Search History

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| S4 | 612 | (381/61.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:26 |
| S5 | 480 | S4 and @ad<"20021029" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/24 10:47 |
| S6 | 29 | S5 and (delay\$2 and equaliz\$2 and amplif\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/24 09:35 |
| S7 | 915 | ((381/63.ccls.) or (381/300.ccls.) or (381/111.ccls.) or (381/110. ccls.)) and (\$4speaker\$1) and @ad<"20021029" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/30 10:06 |
| S8 | 93 | S7 and ((sound\$1 adj1 effect\$1) or (percepti\$3)) same (\$4speaker\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/24 11:09 |
| S9 | 161 | (main\$2 or central\$1 or first or primary or central\$1) adj1 (\$4speaker\$1) and (sound\$1 adj1 (effect\$1 or percept\$4)) and @ad<"20021029" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/24 11:11 |
| S10 | 381 | (main\$2 or central\$1 or first or primary or central\$1) adj1 (\$4speaker\$1 or output\$2 or transduc\$3) and (sound\$1 adj1 (effect\$1 or percept\$4)) and @ad<"20021029" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/01/24 11:11 |
| S11 | 0 | ("2003/0059057").URPN. | USPAT | OR | ON | 2007/01/24 11:32 |
| S12 | 27 | "4856064" | US-PGPUB; USPAT | OR | ON | 2007/01/24 11:33 |

EAST Search History

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| S13 | 31 | (US-20030007648-\$ or US-20020057806-\$).did. or (US-6901148-\$ or US-6507657-\$ or US-6990382-\$ or US-6816833-\$ or US-6658117-\$ or US-6477255-\$ or US-5841993-\$ or US-5828763-\$ or US-5703312-\$ or US-5543579-\$ or US-5524053-\$ or US-5233661-\$ or US-5065432-\$ or US-6385320-\$ or US-5724429-\$ or US-5657391-\$ or US-4329544-\$ or US-4308428-\$ or US-4308424-\$ or US-6127618-\$ or US-4968154-\$ or US-4856064-\$ or US-5761315-\$ or US-5579396-\$ or US-5173944-\$).did. or (JP-01168200-\$ or JP-53090902-\$ or JP-55085190-\$).did. or (EP-404117-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/24 11:37 |
| S14 | 3 | ("5406634" "5487067" "5798818").PN. OR ("6990382").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 11:39 |
| S15 | 8 | ("20010016046" "4118601" "4559569" "4688258" "4694498" "4955058" "6072879" "6655212").PN. OR ("6901148").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/29 16:48 |
| S16 | 19 | ("5231671" "5301259" "5315662" "5410603" "5446238" "5686684" "5719346" "5739452" "5741992" "5753845" "5773744" "5811707" "5852800" "5857171" "5902950" "5939654" "6046395" "6307140" "6629067").PN. OR ("6816833").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 11:41 |
| S17 | 4 | ("5146507" "5524053" "5546465" "5680464").PN. OR ("6658117").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 11:42 |
| S18 | 11 | ("4146745" "4410063" "4503553" "4817162" "4873722" "4908858" "5033092" "5121433").PN. OR ("5828763").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 11:44 |
| S19 | 16 | ("4524668" "4998281" "5221803" "5276273" "5542000" "5546466").PN. OR ("5703312").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 11:46 |

EAST Search History

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| S20 | 32 | (US-20030007648-\$ or US-20020057806-\$).did. or (US-6901148-\$ or US-6507657-\$ or US-6990382-\$ or US-6816833-\$ or US-6658117-\$ or US-6477255-\$ or US-5841993-\$ or US-5828763-\$ or US-5703312-\$ or US-5543579-\$ or US-5524053-\$ or US-5233661-\$ or US-5065432-\$ or US-6385320-\$ or US-5724429-\$ or US-5657391-\$ or US-4329544-\$ or US-4308428-\$ or US-4308424-\$ or US-6127618-\$ or US-4968154-\$ or US-4856064-\$ or US-5761315-\$ or US-5579396-\$ or US-5173944-\$ or US-6655212-\$).did. or (JP-01168200-\$ or JP-53090902-\$ or JP-55085190-\$).did. or (EP-404117-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | OR | ON | 2007/01/24 11:49 |
| S21 | 15 | S4 and S20 | US-PGPUB; USPAT | OR | ON | 2007/01/24 11:51 |
| S22 | 3 | S21 and (delay\$1 and equaliz\$3 and attenuat\$3) | US-PGPUB; USPAT | OR | ON | 2007/01/24 11:52 |
| S23 | 11 | ("3236949" "4159397" "4349698" "4856064" "5177798" "5590204").PN. OR ("5761315").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 11:59 |
| S24 | 8 | ("Re29490").PN. OR ("5543579").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 12:02 |
| S25 | 8 | ("Re29490").PN. OR ("5543579").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 13:18 |
| S26 | 191 | ((DSP or process\$3) with (equaliz\$3 and attenuat\$3 and delay\$1)) and "32" | US-PGPUB; USPAT | OR | ON | 2007/01/24 13:21 |
| S27 | 1 | ((DSP or process\$3) with (equaliz\$3 and attenuat\$3 and delay\$1)) and S20 | US-PGPUB; USPAT | OR | ON | 2007/01/24 13:21 |
| S28 | 8 | ("20010016046" "4118601" "4559569" "4688258" "4694498" "4955058" "6072879" "6655212").PN. OR ("6901148").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/24 13:24 |
| S29 | 1 | "20040086132" | US-PGPUB; USPAT | OR | ON | 2007/01/29 16:48 |